

This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

Claim 1 (cancelled)

2. (previously amended) An isolated DNA molecule having a nucleotide sequence as in SEQ ID NO: 12, wherein adenine is in nucleotide position 307 of the open reading frame instead of guanine.

Claim 3 (canceled)

4. (previously presented) An isolated DNA molecule which is complementary to the nucleotide sequence of claim 2 or SEQ ID NO: 12.

Claim 5 (canceled)

6. (previously presented) An isolated DNA molecule according to claim 2 with a thymine in nucleotide position 229.

7. (previously amended) A fragment of the isolated DNA molecule of claim 2, said fragment including a nucleotide sequence that distinguishes *E. coli* F18 colonization resistant swine from sensitive swine.

Claim 8 (canceled)

Claim 9 (canceled)

Claim 10 (canceled)

Claim 11 (canceled)